

FRUIT TREE SEEDLINGS

For grafting or budding

Each per	10	25	50	100	300	1000
APPLE, Hardy Minnesota						
$\frac{1}{4}$ in	.30	.22	.18	.15	.12 $\frac{1}{2}$	.09
No. 1 - 3/16 up	.25	.20	.15	.12 $\frac{1}{2}$	.10	.07 $\frac{1}{2}$
No. 2 - 2/16	.20	.16	.12	.10	.08	.06 $\frac{1}{2}$
Hopa Crab $\frac{1}{4}$ in.	.30	.25	.21	.18	.15	.10
No. 1	.25	.22	.18	.15	.12 $\frac{1}{2}$	.08 $\frac{1}{2}$
Columbia Crab No. 1	.30	.25	.21	.18	.15	.10
APRICOT						
Manchurian No. 1	.35	.30	.25	.21	.18	.16
CHERRY, Mahaleb No. 1	.20	.16	.12	.10	.08	.07
Mazzard No. 1	.20	.16	.12	.10	.08	.07
PEAR, Calleryana No. 1	.25	.20	.15	.12 $\frac{1}{2}$	.10	.08
Communis, $\frac{1}{4}$ in.	.25	.20	.15	.12 $\frac{1}{2}$	.10	.08
No. 1	.20	.16	.12	.10	.08	.06 $\frac{1}{2}$
Usseriensis No. 1	.20	.16	.12	.10	.08	.06 $\frac{1}{2}$
PLUM, Hortulana No. 1	.25	.20	.15	.12 $\frac{1}{2}$	.10	.08
Myrobalan No. 1	.25	.20	.15	.12 $\frac{1}{2}$	.10	.08
Native (Wild) No. 1	.20	.15	.12 $\frac{1}{2}$	.10	.09	.08
St. Julian "C" - Ask for prices.						

PRUNUS, Besseyi

12 to 18 in.	.25	.20	.18	.15	.12½	.10
18 to 24 in.	.35	.28	.25	.22	.20	.18
Tomentosa, 18-24 in.	.40	.35	.32	.28	.25	.22½
2 to 3 ft.	.50	.45	.42	.40	.37	.35

The Apricot, Manchurian, *Prunus*, Besseyi and Tomentosa have a dwarfing effect when used as a root stock for peach and plum. The Mahaleb cherry has a dwarfing effect as a root stock for Sweet Cherry.

We do not sell less than 10 of a kind and prices are for each variety. Less than 25 at the ten rate, less than 50 at the 25 rate, etc., except that 500 may be ordered at the 1000 rate.

Less than 300 are sent prepaid. 300 or more are FOB, Marshalltown, Iowa.

ROOTED CUTTINGS

Each per	10	25	50	100	300	1000
QUINCE, Angiers $\frac{1}{4}$ in.	.40	.30	.25	.20	.18	.15
No. 1	.35	.25	.21	.17 $\frac{1}{2}$	.15	.12 $\frac{1}{2}$
EM - Type A - Ask for prcies.						

ROOTED LAYERS

Each per	10	25	50	100	300	1000
APPLE - DWARF - EM -						
II, VII, IX & XVI, $\frac{1}{4}$ in.	.50	.40	.35	.30	.27	.25
No. 1	.40	.35	.30	.27	.23	.20
MM - 104 & 106, 1 yr.	.70	.65	.60	.55	.52 $\frac{1}{2}$	.50
MM - 109 & 111, 1 yr.	.60	.55	.50	.45	.40	.35

SCIIONS FOR GRAFTING

Each per	10	25	50	100	300
APPLE, Hardy Clark Dwarf					
6 to 12 in.	\$2.00	\$ 4.25	\$ 7.50	\$12.00	\$30.00
12 to 18 in.	4.00	8.50	15.00	24.00	60.00
18 to 24 in.	6.00	12.75	22.50	36.00	90.00
Hibernal, 18 in. up	1.25	2.00	3.50	6.00	15.00
PEAR, Old Home, 12 in. up	1.50	2.50	4.00	7.50	20.00

Rooted layers, Rooted cuttings are prepaid for less than 300. Over 300 are FOB, Marshalltown, Iowa. All scions priced prepaid. No order for less than \$5.00 for rooted cuttings and layers.

GRAFTS

Each per	10	25	50	100	300	1000
APPLE, Common varieties						
Piece-root	.25	.23	.20	.17 $\frac{1}{2}$	.16	.15
Whole-root	.30	.26	.23	.20	.17 $\frac{1}{2}$	.16
Special varieties	.50	.40	.35	.32 $\frac{1}{2}$		
PEAR, Comon varieties	.35	.30	.27 $\frac{1}{2}$	.25	.22 $\frac{1}{2}$	
Special varieties	.50	.45	.42 $\frac{1}{2}$	.40		

GRAFTS — DWARF and SEMI-DWARF STOCK

APPLE, Hardy Clark Dwarf						
Piece-root	.65	.55	.50	.40	.32 $\frac{1}{2}$	.30
Whole-root	.75	.65	.60	.50	.45	.40
2-yr field, 1-10 \$1.85	1.65	1.55	1.45	1.25		
EM - IX on hardy roots	.75	.65	.60	.50	.45	.40
On EM - II, VII, IX & XVI	.75	.65	.60	.50	.45	.40
Special varieties	.90	.85	.75			
On MM - 104 & 106	.95	.85	.80	.75	.70	.65
On MM - 109 & 111	.85	.75	.70	.65	.60	.55
PEAR - on Angiers quince	.50	.40	.35	.30	.25	
Special varieties	.65	.55	.50			

SPECIAL VARIETY LIST

APPLE

Allen's Choice	Minjon
Anisim	Missouri Pippin
Arkansas Black	Monroe
Autumn Strawberry	Mother
Benoni	Oriole
Black Annette	Pound Sweet
Black Oxford	Prairie Spy
Black Gilliflower (Sheepnose)	Prices Sweet
Blue Pearmain	Primate
Chenango	Ralls
Coles Quince	Rambo
Cox Orange	Ribston
Crandall	Roman Stem
Domine	Ruby
Dyer	Salome
Early Joe	St. Lawrence, Red
Fameuse (Red) (Snow)	Sharon, Red
Franklin	Shiawassee
Golden Russett	Spartan
Hubbardson (None Such)	Summer Champion
Ida Red	Summer Pearmain
Jeffris	Summer Rambo, Red (Rambo Franc)
Jonadel	Sweet Bough
Jonagram	Tolman Sweet
King David	Twenty Ounce
Lady (Pomme d' Apis)	Turley Winesap
Lady Sweet	Utter
Lowell	Wellington
Macoun	Westfield (Seek-no-Further)
Maiden Blush	White Winter Pearmain
Mantet	Williams Early Red
Maud	Wilson Red June
Melba, Red	Winter Banana
Melrose	Winter Sweet Paradise
Milton	Wolf River
	Yellow Newtown

PEARS

Ayers	Dana Hovey	Moores
Bartlett, Red	Early Seckel	Morgan
Bierschmidt	Ewart	Sheldon
Carrick	Flemish Beauty	Tyson
Caywood	Gorham	Vermont Beauty
Conference	Lincoln	
Dabney	Maxine	OLD HOME

WANTED — to locate trees of apple

FALL ORANGE RICHARD'S GRAFT SUMMER SWEET

ROOTED LAYERS

Each per	10	25	50	100	300	1000
APPLE - DWARF - EM -						
II, VII, IX & XVI, $\frac{1}{4}$ in.	.50	.40	.35	.30	.27	.25
No. 1	.40	.35	.30	.27	.23	.20
MM - 104 & 106, 1 yr.	.70	.65	.60	.55	.52 $\frac{1}{2}$	.50
MM - 109 & 111, 1 yr.	.60	.55	.50	.45	.40	.35

SCIONS FOR GRAFTING

Each per	10	25	50	100	300
APPLE, Hardy Clark Dwarf					
6 to 12 in.	\$2.00	\$ 4.25	\$ 7.50	\$12.00	\$30.00
12 to 18 in.	4.00	8.50	15.00	24.00	60.00
18 to 24 in.	6.00	12.75	22.50	36.00	90.00
Hibernal, 18 in. up	1.25	2.00	3.50	6.00	15.00
PEAR, Old Home, 12 in. up	1.50	2.50	4.00	7.50	20.00

Rooted layers, Rooted cuttings are prepaid for less than 300. Over 300 are FOB, Marshalltown, Iowa. All scions priced prepaid. No order for less than \$5.00 for rooted cuttings and layers.

GRAFTS

Each per	10	25	50	100	300	1000
APPLE, Common varieties						
Piece-root	.25	.23	.20	.17 $\frac{1}{2}$	.16	.15
Whole-root	.30	.26	.23	.20	.17 $\frac{1}{2}$	.16
Special varieties	.50	.40	.35	.32 $\frac{1}{2}$		
PEAR, Comon varieties	.35	.30	.27$\frac{1}{2}$	.25	.22$\frac{1}{2}$	
Special varieties	.50	.45	.42 $\frac{1}{2}$	.40		

GRAFTS — DWARF and SEMI-DWARF STOCK

APPLE, Hardy Clark Dwarf

Piece-root	.65	.55	.50	.40	.32 $\frac{1}{2}$	.30
Whole-root	.75	.65	.60	.50	.45	.40
2-yr field, 1-10 \$1.85	1.65	1.55	1.45	1.25		
EM - IX on hardy roots	.75	.65	.60	.50	.45	.40
On EM - II, VII, IX & XVI	.75	.65	.60	.50	.45	.40
Special varieties	.90	.85	.75			
On MM - 104 & 106	.95	.85	.80	.75	.70	.65
On MM - 109 & 111	.85	.75	.70	.65	.60	.55
PEAR - on Angiers quince	.50	.40	.35	.30	.25	
Special varieties	.65	.55	.50			

The Hardy Clark Dwarf apple grafts, if well planted, under normal growing conditions, will be ready to be budded to the desired fruiting varieties in August. Only the hardiest apple seedlings are used for rootstock. Thus, these are the hardiest of the known apple dwarfing stocks and should be used where hardiness is a factor. Our observations classify it as a semi-dwarfing stock, though the degree of dwarfing will vary with the variety, soil, climate and general cultural practices. Trees grown on our hardy Clark dwarfing stock WILL NOT NEED SUPPORT.

The EM IX is the only true dwarfing stock being recommended. It must be staked or supported when on its own roots. If grown as an interstem piece, it will be self supporting and hardier.* Both the Hardy Clark and EM IX interstem grafts will have to be worked to the desired fruiting varieties.

Common varieties are those now being generally grown. Special varieties are the very new and the older varieties which are not being generally grown and for which we have scion wood available.

The MM series are new and are Wooly aphid resistant. These are all classified as semi-dwarfing.

The Old Home pear is blight resistant and is used as a stock on which to grow blight susceptible varieties. Since it is compatable with all pear varieties, it is desirable to use it on the quince dwarfing stock, then graft the fruiting variety on the Old Home.

If less than 10 grafts are wanted, add 20¢ each to the ten rate. No orders accepted for less than 3 of a kind, nor less than \$5.00.

Less than 300 will be sent prepaid. Over 300 are FOB Marshalltown.

EM - II and VII have generally given the heaviest production.

If you have scion wood available and desire grafts made up of varieties not listed, write us.

We guarantee all stock to be true to name and it will be delivered to the carrier in a live growing condition. There is no guarantee as to growth since planting, soil, weather and culture is beyond our control. All stock is State Inspected, Iowa customers must add 2% Sales Tax.

SPECIAL GRAFTS

To Be Grown In The Nursery For One Year

Per Each	3-10	11-24	25-49	50-99	100
APPLE Standard					
Common Varieties	1.50	1.25	.95	.75	.65
Special Varieties	2.50	2.25	1.95		
DWARF & SEMI-DWARF					
*Hardy Clark Dwarf	1.75	1.60	1.45	1.35	1.20
*EM - IX	1.75	1.60	1.45	1.35	1.20
On EM II, VII, IX and XVI	1.90	1.65	1.55	1.45	1.30
Special Varieties	3.00	2.25			

Each Per	3-10	11-24	25-49	50-99	100
APPLE, Dwarf & Semi-dwarf					
On MM 104 & 106	2.40	2.10	1.90	1.75	1.60
Special varieties	3.50	3.00			
On MM 109 & 111	2.10	1.90	1.75	1.65	1.50
Special Varieties	3.25	2.25			
PEAR, Standard trees	1.80	1.70	1.50	1.10	.95
Special varieties	2.50	2.25			
Dwarf, on Angiers					
Quince	1.95	1.80	1.60	1.45	1.35

Minimum order 3 of a kind. Prices apply to each variety ordered. Sizes of trees will vary, especially with the variety and will run from 24 inches up, except the Hardy Clark Dwarf trees which will run from 12 to 24 inches.

Due to the high cost of handling and processing such orders, no order for less than \$10.00.

The Hardy Clark dwarf and the EM IX will have to be budded to the desired fruiting variety by the buyer or by us on an extended contract.

This is true also with the Old Home pear on the Quince roots.

In making up the grafts for all standard apple, pear, Hardy Clark Dwarf and EM IX for stem-insert, only the hardiest apple and pear seedlings are used for the rootstock.

Orders for the one year trees must reach us by Feb. 15th and must be accompanied with a cash payment of one-half the total order. The balance to be paid prior to delivery. Orders for stock or scions which are not available when order is received, will be returned and the money refunded.

SPECIAL NOTICE — we do not propagate or grow on contract any patented variety of apple or pear, unless the buyer first makes proper arrangements with the patent holder.

We grow the following varieties for top-working: APPLE — Hibernal and Columbia Crab. PEAR — Old Home.

All of our stock is State Inspected.

It is to be understood and agreed that, should any lot of trees being grown under the terms herein, be lost or destroyed in the field or packing house due to flood, hail, fire or other reason beyond our control, we shall be permitted to fulfill the agreement during the following season.

Passing through the northern portion of the Penn
Towson to the east end about 3000 ft.
above sea level. The area is
covered with a thin layer of soil
overlying bedrock and alluvium.

scattered pockets of resistance in which the anti-
revolutionary forces still had some hope that following
negotiations would be able to bring the detainees out
of prison to freedom. On 11 May, the following day

Set & place *Leptis* looking like the one in Fig. 1
(Fig. 5 being rotated 90° clockwise). Then

spot, and I expect it will do it in a few days.

CLASSIC EDITION

Aug. 16 2003 5:00 PM

1900-1901
Dwight L. Moody
and his wife

1970-1971
1971-1972
1972-1973

Sample	SO ₃	CaCO ₃	SiO ₂	Al ₂ O ₃
20.15	28.02	1.18	35	
20.16	22.1	1.9	34.7	
20.17	15.5	2.6	34.7	
20.18	13.4	2.6	34.7	
20.19	12.4	2.6	34.7	
20.20	11.4	2.6	34.7	
20.21	10.4	2.6	34.7	

WHEELOCK WILSON NURSERY
Marshalltown, Iowa

Spring
1960

Our hardy Clark Dwarf apple trees are, without question, the hardiest dwarf trees that are being grown. As grown by our methods, the roots are hardy wherever any apple can be grown and are strong, vigorous and sturdy. Amply able to anchor and support the mature trees, THEY WILL REQUIRE NO STAKING. If the fruiting variety is hardy in your area, you can grow Wilson Grown - Hardy Clark Dwarf apple trees.

We have been spending a lot of time and money in research to produce better dwarf trees through selection of superior root systems, new and different propagation and cultural methods. This has restricted our production, so only a limited quantity of these superior trees are available as yet. Do not delay placing your order for first come, first served.

The following are available at this time and are priced at \$3.50 each; 3 for \$10.00 and 10 or more at \$3.00 each EXCEPT those which are marked with a star (*) which are \$4.50 each.

Iowa customers add 2% sales tax. -- All Stock F.O.B. Marshalltown, Iowa

*Autumn Strawberry	*Lakeland
Beacon	*Mantet
*Chenango	McIntosh
Delicious, Solid Red	*Sharon, new red sport
Delicious, Yellow	*Summer Champion
*Dyer	*Turley Winesap
Grimes Golden	*Utter
Jonathan, Solid Red	Wealthy

* Hopa Flowering Crab

DWARF PEAR

Each \$2.95 - 3 for \$7.95

Bartlett, Aug. - Sept.	Duchess, Oct.
Beurre d' Anjou, Oct.	Flemish Beauty, Sept.
Clapps Favorite, Aug.	Seckel, Sept.

STOCK TREES FOR TOP-WORKING

<u>Apple - Hibernal</u>	<u>1 - 9</u>	<u>10 - 29</u>	<u>30 - 99</u>	<u>100 or more</u>
11/16 up	\$2.35	\$2.10	\$1.85	\$1.35
9/16	2.10	1.85	1.50	1.15
7/16	1.65	1.45	1.20	.90
5/16	1.20	.90	.75	.60
Whips 4-5 ft.	1.95	1.75	1.45	1.10
Whips 3-4 ft.	1.80	1.55	1.25	.95
Whips 2-3 ft.	1.00	.80	.65	.55

PEAR - OLD HOME

1 inch	\$2.75	\$2.50	\$2.35	\$1.85
11/16	2.50	2.10	1.75	1.25